

Continuation/Divisional Docket No.: 2803.68147  
Parent Docket No.: 2803.62444

PATENT APPLICATION

THE UNITED STATES PATENT AND TRADEMARK OFFICE IN

Invited application of: Takeda et al.  
Application No.: 09/097,027  
Filed: June 12, 1998  
For: VERTICALLY ALLIGNED (VA) LIQUID  
CRYSTAL DISPLAY DEVICE

Art Unit: 2871  
Examiner: Nguyen, Dung T.

MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450



NOTIFICATION OF FILING OF CONTINUING OR DIVISIONAL APPLICATION

Notification is hereby being made of the filing of a:

- ☐ continuation  
☐ continuation-in-part  
☒ divisional

application for this case

- ☒ concurrently herewith.  
☐ on \_\_\_\_\_  
Date

Reg. No. 47,954

Customer No.: 24978

Tel. No.: (312) 360-0080

SIGNATURE OF ATTORNEY

Josh C. Snider  
(type or print name of attorney)

GREER, BURNS & CRAIN, LTD.  
300 South Wacker Dr. Suite 2500  
Chicago, IL 60606

CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being:

☒ deposited with the U.S. Postal Service in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. 1.8a  
with sufficient postage as "first class" mail.

37 C.F.R. 1.10  
☒ as "Express Mail" Mailing Label No.  
EL846178015US.

November 21, 2003  
Date

Signature  
Daniel Canan

The PTO did not receive the following  
listed item(s) 238 pages of  
drawing



Docket No. 2803.68147

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Anticipated Classification of this application:

Class: Subclass:

Prior application: 09/097,027

Examiner: Nguyen, Dung T.

Art Unit: 2871

**REQUEST FOR FILING CONTINUING OR DIVISIONAL APPLICATION**

**Mail Stop Patent Application**

**Commissioner for Patents**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

Dear Sir:

This is a request for filing a

☐ Continuation application,

☒ Divisional application,

under 37 CFR 1.53(b), of pending prior application Serial No. 09/097,027 filed on **June 12, 1998** for **VERTICALLY-ALLIGNED (VA) LIQUID CRYSTAL DISPLAY DEVICE**.

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**CERTIFICATION UNDER 37 CFR 1.10**

I certify that, on the date shown below, these documents are being deposited with the United States Postal Service in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, as "Express Mail Post Office to Addressee," Mailing Label No. EL846178015US.

Date November 21, 2003

Signature 

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1. (X) Enclosed is a copy of the prior application, including the oath or declaration as originally filed. The attached application papers are a true copy of prior application Serial No.: **09/097,027** as originally filed on **June 12, 1998**, and no amendments referred to in the oath or declaration as originally filed introduced new matter. This statement is made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

The copy of the papers of the prior application as filed are as follows:

- (X) 216 pages of specification including claims and abstract
  - (X) 246 sheets(s) of drawings
  - (X) 13 pages of declaration and power of attorney
2. ( ) Enclosed is a replacement specification reflecting previously submitted amendments and/or additional formal amendments. No new matter is added by the changes. A copy of the oath or declaration as originally filed is also included.

The new application includes:

- ( ) \_\_\_ pages of specification including claims and abstract
  - ( ) \_\_\_ sheets(s) of drawing
  - ( ) \_\_\_ pages of declaration and power of attorney
3. ( ) A statement (Declaration) claiming small entity status was filed in the prior application and small entity status for this application is proper and desired.
4. (X) Cancel in this application original claims **1-148, including both instances of claim 40**, of the prior application before calculating the filing fee.

5. (X) The filing fee is calculated below:

CLAIMS AS FILED IN THE PRIOR APPLICATION, LESS ANY CLAIMS CANCELED BY AMENDMENT BELOW

For	No. Filed	No. Extra	Rate	Fee
Basic Fee.....				\$ 770.00
Total Claims...	91 - 20 =	71	x \$18.00 =	\$1,278.00
Independent Claims....	1 - 3 =	0	X \$86.00 =	\$ -0-
		Total Filing Fee		\$2,048.00
Statement of Status as Small Entity Reducing Filing Fee By Half To				\$2,048.00

6. (X) A check in the amount \$2,048.00 is enclosed.
7. (X) The Commissioner is hereby authorized to charge any additional fees which may be required for this application under 37 C.F.R. 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.
8. ( ) A petition and fee for an extension of time has been filed in the pending prior application. A copy of the petition is attached.
9. (X) Amend the specification by inserting before the first line the sentence: --This is a ( ) continuation, (X) divisional, ( ) continuation-in-part, of application Serial No. 09/097,027, filed June 12, 1998.--
10. (X) Priority of application Serial No(s).

9-155437, filed June 12, 1997 in Japan  
9-230982, filed August 27, 1997 in Japan  
9-230991, filed August 27, 1997 in Japan  
9-266937, filed September 30, 1997 in Japan  
9-361384, filed December 26, 1997 in Japan

are claimed under 35 U.S.C. 119.

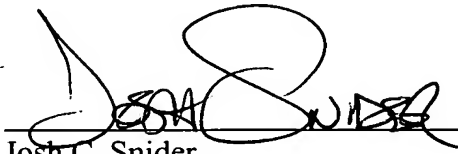
- (X) The certified copies have been filed in prior application Serial No. **09/097,027**, filed **June 12, 1998**.
11. (X) The prior application is assigned of record to: **Fujitsu Display Technology Corporation**. The assignment was recorded on **December 18, 2002** on Reel **013552**, Frame **0107**.
12. (X) The inventors of the invention of the parent application, serial number **09/097,027** are as follows:
- |                        |                        |
|------------------------|------------------------|
| 1. Arihiro Takeda      | 20. Takeshi Kinjou     |
| 2. Katsufumi Ohmuro    | 21. Makoto Tachibanaki |
| 3. Yoshio Koike        | 22. Keiji Imoto        |
| 4. Shingo Kataoka      | 23. Tadashi Hasegawa   |
| 5. Takahiro Sasaki     | 24. Hidefumi Yoshida   |
| 6. Takashi Sasabayashi | 25. Hiroyasu Inoue     |
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| 11. Hisashi Yamaguchi  | 30. Tomonori Tanose    |
| 12. Minoru Otani       | 31. Siro Hirota        |
| 13. Makoto Morishige   | 32. Masahiro Ikeda     |
| 14. Noriaki Furukawa   | 33. Kunihiro Tashiro   |
| 15. Tsuyoshi Kamada    | 34. Kouji Tsukao       |
| 16. Yoshinori Tanaka   | 35. Yasutoshi Tasaka   |
| 17. Atuyuki Hoshino    | 36. Takatoshi Mayama   |
| 18. Shougo Hayashi     | 37. Seiji Tanuma       |
| 19. Hideaki Takizawa   | 38. Yohei Nakanishi    |
13. (X) An information disclosure statement is submitted herewith.
14. (X) A preliminary amendment is enclosed herewith.
15. ( ) Please delete the name(s) of ^^^^ who is (are) not a (an) inventor(s) of the subject matter of the ( ) continuing ( ) divisional application.
16. (X) The power of attorney in the prior application is to:
- Patrick G. Burns, Reg. No. 29,367  
Greer, Burns & Crain, Ltd.  
300 South Wacker Drive - Suite 2500  
Chicago, Illinois 60606

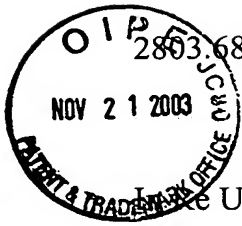
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- ☒ (X) Address all future communications to:

Patrick G. Burns  
Greer, Burns & Crain, Ltd.  
300 South Wacker Drive - Suite 2500  
Chicago, Illinois 60606

November 21, 2003

Greer, Burns & Crain, Ltd.  
300 South Wacker Drive - Suite 2500  
Chicago, Illinois 60606  
Tel.: (312) 360-0080  
Customer Number 24978  
Continuation/Divisional Application, 4 pages, 16 paragraphs  
Revision September 26, 2000

  
Josh C. Snider  
Registration No. 47,954



2803.68147

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

International U.S. Patent Application

Applicant(s): Takeda et al.

Divisional of

Serial No.: 09/097,027

Filed: June 12, 1998

For: VERTICALLY-ALIGNED  
(VA) LIQUID CRYSTAL  
DISPLAY DEVICE (as amended)

Art Unit: 2871

Examiner: Nguyen, D.

)  
)  
) I hereby certify that this paper is being deposited with the  
) United States Postal Service as EXPRESS MAIL in an  
) envelope addressed to: Commissioner for Patents, P.O. Box  
) 1450, Alexandria, VA 22313-1450, on this date.

) November 21, 2003

) Date

Paul Cameron  
Express Mail No. EL 846178015 US

LETTER TO THE DRAFTSMAN

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Please approve the changes indicated in red in the attached marked-up  
copies of Figs. 1-8.

Respectfully submitted,

Customer No. 24978

GREER, BURNS & CRAIN, LTD.

November 21, 2003

By

Josh C. Snider

Registration No. 47,934

300 South Wacker Drive  
Suite 2500  
Chicago, Illinois 60606  
Telephone: (312) 360-0080  
Facsimile: (312) 360-9315



Docket No.: 2803.68147

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Anticipated Classification of this application:

Class: Subclass:

Prior application: 09/097,027

Examiner: Nguyen, Dung T.

Art Unit: 2871

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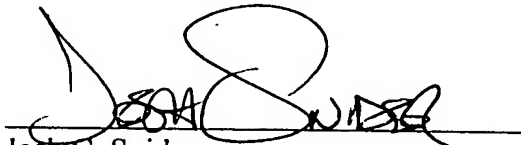
Patrick G. Burns  
Greer, Burns & Crain, Ltd.  
300 South Wacker Drive - Suite 2500  
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Josh C. Snider  
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